

Message Text

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TAGS: CCMS, NATO, SENV, ENRG

SUBJECT: CCMS: PROGRESS REPORTS

REF: USNATO 1073

1. REQUEST MISSION PASS FOLLOWING UPDATED PROGRESS
REPORTS TO CCMS/IS.

2. SOLAR ENERGY

PILOT COUNTRY: US

THE FIRST MEETING OF THE MEDITERRANEAN APPLICATIONS
GROUP, UNDER FRENCH LEADERSHIP, WAS HELD OCTOBER 10-12,
1977 IN NICE. THE MEETING PROVIDED THE OPPORTUNITY
FOR SOLAR EXPERTS TO DISCUSS THE CURRENT STATUS OF
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SOLAR APPLICATIONS IN MEDITERRANEAN-LIKE CLIMATIC
REGIONS AND TO EXPLORE APPROPRIATE AREAS FOR FUTURE
R AND D CONTINUED INFORMATION EXCHANGE ON THIS TOPIC.
IN VIEW OF THE INTEREST AMONG PARTICIPATING COUNTRIES,
A SECOND MEETING WILL PROBABLY BE HELD DURING 1978.

APPROXIMATELY TWENTY PARTICIPANTS ATTENDED THE

THIRD MEETING OF THE ZERO ENERGY HOUSE GROUP,

CHAired BY DENMARK, ON DECEMBER 8-9, 1978 IN STOCKHOLM. PRESENTATIONS ON SYSTEM PERFORMANCE DATA FOR LONG-STANDING MINIMUM ENERGY PROJECTS WERE SUPPLEMENTED BY REPORTS ON NEW PROJECTS AND VISITS TO A SWEDISH LOW ENERGY HOUSE AND THE ROYAL INSTITUTE OF TECHNOLOGY LABS. ENTHUSIASM FOR CONTINUATION OF THIS SUCCESSFUL INTERCHANGE REMAINS HIGH AMONG THE PARTICIPATING EXPERTS.

THE FINAL SOLAR ENERGY PILOT STUDY MEETING, HOSTED BY GERMANY, WILL TAKE PLACE APRIL 17-18, 1978 IN DUSSELDORF. IN ADDITION TO PRESENTATIONS ON NATIONAL SOLAR HEATING AND COOLING PROGRAMS AND REPORTS ON THE PROGRESS OF THE SYSTEM REPORTING FORMAT WORK, THE EXCHANGE OF SOLAR REPORTS, AND THE MEDITERRANEAN AND ZERO ENERGY HOUSE GROUPS, DELEGATES WILL DISCUSS FOLLOW-UP ACTION FOR THE PILOT STUDY ACTIVITIES.

IMMEDIATELY FOLLOWING THAT MEETING, THE PILOT STUDY IS SPONSORING A MAJOR INTERNATIONAL CONFERENCE ON "PERFORMANCE OF SOLAR HEATING AND COOLING SYSTEMS." THE CONFERENCE WILL CONSIST OF INVITED PAPERS (PREPARED IN ACCORDANCE UNCLASSIFIED

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WITH THE CCMS SYSTEM REPORTING FORMAT) ON PERFORMANCE OF OPERATIONAL SOLAR HEATING AND COOLING SYSTEM PROJECTS IN CCMS COUNTRIES, SURVEY LECTURES ON VARIOUS ASPECTS OF SYSTEM PERFORMANCE, AND AN OPEN FORUM DISCUSSION. THIS APRIL 19-20 CONFERENCE IS, IN A SENSE, A CULMINATION OF THE PILOT STUDY'S WORK ON SYSTEM REPORTING FORMAT AND EXCHANGE OF SYSTEM PERFORMANCE INFORMATION. SEPARATE PROCEEDINGS WILL BE ISSUED FOR BOTH MEETINGS.

THE U.S., AS PILOT COUNTRY, WILL PREPARE A FINAL REPORT, CONTAINING THE PILOT STUDY'S RECOMMENDATIONS AND RESOLUTIONS REGARDING FOLLOW-UP ACTION. IT WILL FORM PART OF AN INTEGRATED PRESENTATION OF FOUR CCMS ENERGY PROJECT FINAL REPORTS AT THE FALL 1978 PLENARY.

3. GEOTHERMAL ENERGY

PILOT COUNTRY: US

AS REPORTED AT THE FALL 1977 PLENARY, ALL FIVE OF
THE GEOTHERMAL PILOT PROJECT SUBSTUDIES, (1) COMPUTER-

BASED INFORMATION SYSTEMS, (2) DIRECT APPLICATIONS
OF GEOTHERMAL ENERGY, (3) RESERVOIR ASSESSMENT,
(4) SMALL POWER PLANTS, AND (5) HOT DRY ROCK
CONCEPTS, HAVE NOW BEEN COMPLETED. THE UNITED
STATES, AS PILOT COUNTRY, IS PREPARING THE FINAL
REPORT TO THE GEOTHERMAL PILOT STUDY. DRAFT COPIES
ARE BEING CIRCULATED AMONG THE EXPERT REPRESENTATIVES
OF THE PARTICIPATING COUNTRIES FOR REVIEW AND
COMMENT. THEIR COMMENTS ARE EXPECTED BY APRIL 30, 1978.
BECAUSE OF THE MANY ONGOING INTERNATIONAL EFFORTS
IN GEOTHERMAL ENERGY, THE ONLY SPECIFIC FOLLOW-UP
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ACTIVITY NOW PLANNED FOR THE GEOTHERMAL PILOT
STUDY IS A REVIEW CONFERENCE IN PARIS IN 1980, WHICH
WILL BE HELD AT ABOUT THE SAME TIME AS AN INTERNATIONAL
MEETING OF GEOLOGISTS.

4. RATIONAL USE OF ENERGY

PILOT COUNTRY: US

(1) ELECTRIC UTILITY LOAD MANAGEMENT

THE FINAL REPORT WAS PREPARED AND DISTRIBUTED AT THE
FALL 1977 PLENARY. THIS PROJECT IS COMPLETED.

(2) CLIMATIC CONDITIONS AND TEST REFERENCE YEAR.

THE FINAL REPORT IS BEING PREPARED AND SHOULD BE
READY FOR THE FALL 1978 PLENARY.

(3) INTERNATIONAL INDUSTRIAL DATA BASE

THIS PROJECT HAS PROGRESSED SIGNIFICANTLY SINCE THE
LAST PLENARY MEETING. FINAL REPORTS HAVE BEEN
ISSUED IN THE FOLLOWING AREAS:

REPORT	NUMBER
CEMENT	NATO/CCMS-46
PLASTICS	NATO/CCMS-58
STEEL	NATO/CCMS-47

THE METHODOLOGY REPORT HAS BEEN COMPLETED AND IS
IN THE PUBLICATION PROCESS. IT WILL BE DISTRIBUTED
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BY JUNE 1978.

THE FINAL EXPERTS MEETING OF THE BREWING DATA BASE PROJECT IS NOW SCHEDULED FOR THE WEEK OF APRIL 1, 1978

IN WASHINGTON, DC. AT THAT TIME, THE DATA AND REPORT FORMAT SHOULD BE FINALIZED. THE WORK OF THE INTERNATIONAL DAIRY FEDERATION ON THE DAIRY INDUSTRY IS PROCEEDING MORE SLOWLY. THIS GROUP IS FOLLOWING THE METHODOLOGY ESTABLISHED UNDER CCMS IN REPORTING COMPARATIVE ENERGY DATA. THEY WILL ISSUE THEIR OWN REPORT SEPARATELY FROM THE DATA BASE PROJECT. IT IS ANTICIPATED THAT ALL WORK WILL BE COMPLETED BY THE FALL 1978 PLENARY SESSION.

5. AUTOMOTIVE PROPULSION SYSTEMS/LOW POLLUTION POWER SYSTEMS DEVELOPMENT

PILOT COUNTRY: US

THE FOCUS OF ACTIVITY OF THIS PILOT STUDY SINCE OCTOBER 1977 HAS BEEN THE COMPLETION OF THE FINAL REPORT BY INCORPORATING CHANGES SUGGESTED BY THE APS WORKING GROUP AT ITS MEETING IN SEPTEMBER 1977 AND BY THE NATO/CCMS INTERNATIONAL STAFF. THIS REPORT WILL BE SUBMITTED IN DRAFT AT THE SPRING 1978 PLENARY WITH A REQUEST THAT NATO MEMBER NATIONS REVIEW THE REPORT AND SUBMIT COMMENTS TO THE UNITED STATES (DEPARTMENT OF ENERGY, DIVISION OF TRANSPORTATION ENERGY CONSERVATION) BY MAY 15, 1978. UPON COMPLETION OF THIS FINAL REVIEW, THE REPORT WILL BE SIGNED BY THE APS WORKING GROUP MEMBERS, PUBLISHED AS NATO/CCMS DOCUMENT N.76, AND PRESENTED FORMALLY TO CCMS AT THE FALL 1978 PLENARY IN AN INTEGRATED PRESENTATION WITH THE OTHER FINAL REPORTS OF THE CCMS ENERGY PROJECTS.

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THE PROCEEDINGS OF THE FOURTH INTERNATIONAL SYMPOSIUM ON AUTOMOTIVE PROPULSION SYSTEMS, NATO/CCMS DOCUMENT N.61, WAS PUBLISHED IN FEBRUARY 1978. COPIES HAVE BEEN MADE AVAILABLE TO THE NATO/CCMS INTERNATIONAL STAFF FOR DISTRIBUTION ON REQUEST.

6. FLUE GAS DESULFURIZATION

PILOT COUNTRY: US

REPRESENTATIVES FROM SEVEN COUNTRIES ATTENDED A WORKING GROUP MEETING IN ROME ON NOVEMBER 7 AND 8, 1977. MANY VALUABLE COMMENTS ON THE 12 FLUE GAS DESULFURIZATION PROCESS REPORTS WERE MADE AND A SCHEDULE FOR FUTURE WORK WAS PREPARED. IT WAS AGREED

THAT THE PROCESS REPORTS SHOULD BE UPGRADED AND SUBMITTED FOR REVIEW BY CCMS DELEGATES AND THE APPROPRIATE PROCESS SUPPLIERS AND UTILITIES. SUCH AN APPROACH WOULD ALLOW FOR PUBLICATION OF THE PROCESS REPORTS AND THE SUMMARY REPORT DURING APRIL 1978.

AN OUTLINE FOR THE FGD STATUS SUMMARY REPORT WAS ALSO PREPARED AND REVIEWED BY THE DELEGATES. THE U.S. WILL UTILIZE THIS OUTLINE IN PREPARING THE SUMMARY REPORT PRIOR TO THE NEXT MEETING.

IN VIEW OF THE DESIRE TO MAKE THESE REPORTS AS VALID AND INFORMATIVE AS POSSIBLE, THE FOLLOWING LENGTHENED SCHEDULE WAS PROPOSED AND ACCEPTED:

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-- DECEMBER 1, 1977 - EACH LEAD COUNTRY (U.S., GERMANY, AND NORWAY) MAKES REPORT CHANGES RECOMMENDED DURING MEETING IN ROME AND SENDS REPORTS TO OTHER DELEGATES FOR REVIEW. AT THE SAME TIME, REPORTS ARE SENT TO THE APPROPRIATE PROCESS SUPPLIER AND UTILITY FOR THEIR REVIEW TO ASSURE VALIDITY OF THE REPORT.

-- FEBRUARY 1, 1978 - RECEIPT OF COMMENTS AND PREPARATION OF FINAL REPORTS.

-- MARCH 15, 1978 - CIRCULATE COPIES OF FINAL REPORTS TO ALL WORKING GROUP DELEGATES FOR THEIR FINAL REVIEW. U.S. ALSO TO SEND OUT THE SUMMARY REPORT FOR REVIEW.

-- APRIL 19-20, 1978 - REVIEW MEETING IN OSLO, NORWAY FOR FINAL REVIEW OF PHASE I FGD STATUS REPORTS, INSPECTION OF HYDRO PROCESS, AND FINALIZATION OF SCOPE FOR PROCESS APPLICABILITY TASK.

DISCUSSION OF THE PROCESS APPLICABILITY TASK RESULTED

IN AGREEMENT ON THE NEED FOR SUMMARIZING THE MAIN FACTORS EFFECTING A PROCESS'S UTILIZATION FOR A SPECIFIC APPLICATION. THE U.S. WILL PREPARE FOR DISCUSSION OF A PLAN FOR THE PROCESS APPLICABILITY TASK INCLUDING A PROCESS COST COMPARISON STUDY PRIOR TO THE NEXT MEETING. THE COST COMPARISON PORTION OF THIS STUDY WILL BE PREPARED BY THE U.S. TENNESSEE VALLEY AUTHORITY (TVA) AND WILL COMPARE VARIOUS FGD PROCESS COSTS FOR THREE OR FOUR TYPES OF FUEL FOR

ONE OR TWO BOILER SIZES. A REPRESENTATIVE OF TVA WILL BE INVITED TO PARTICIPATE AT THE APRIL WORKING GROUP MEETING.

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7. DRINKING WATER

PILOT COUNTRY: US

PROGRESS REPORT IS TO BE PROVIDED SEPTTEL.

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Message Attributes

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Disposition Event:
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TAGS: SENV, ENRG, CCMS, NATO
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